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PAGE: 1

**RAW SEQUENCE LISTING**
PATENT APPLICATION  *US/09/069,847*

DATE: 05/08/98
TIME: 10:51:36

*INPUT SET: S25666.raw*

> This Raw Listing contains the General
> Information Section and up to the first 5 pages.

```
 1                            SEQUENCE LISTING
 2
 3    (1)    General Information:
 4
 5                    (i) APPLICANT: Han, Myun K.
 6                                   Lee, S. Paul
 7                                   Chirikjian, Jack G.
 8
 9
10
11       (ii) TITLE OF INVENTION: Fluorometric Assay For Detecting Nucleic
12              Acid Cleavage
13
14      (iii) NUMBER OF SEQUENCES: 6
15
16      (iv) CORRESPONDENCE ADDRESS:
17           (A) ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
18           (B) STREET: 1100 New York Avenue, Suite 600
19           (C) CITY: Washington
20           (D) STATE: D.C.
21           (E) COUNTRY: U.S.
22           (F) ZIP: 20005
23
24       (v) COMPUTER READABLE FORM:
25           (A) MEDIUM TYPE: Floppy disk
26           (B) COMPUTER: IBM PC compatible
27           (C) OPERATING SYSTEM: PC-DOS/MS-DOS
28           (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
29
30      (vi) CURRENT APPLICATION DATA:
31           (A) APPLICATION NUMBER: to be assigned
32           (B) FILING DATE: Herewith
33           (C) CLASSIFICATION:
34
35     (vii) PRIOR APPLICATION DATA:
36           (A) APPLICATION NUMBER: US 08/706,135
37           (B) FILING DATE: 30-AUG-1996
38
39     (vii) PRIOR APPLICATION DATA:
40           (A) APPLICATION NUMBER: 08/365,463
41           (B) FILING DATE: 30-DEC-1994
42
43    (viii) ATTORNEY/AGENT INFORMATION:
44           (A) NAME: Markowicz, Karen R.
45           (B) REGISTRATION NUMBER: 36,351
46           (C) REFERENCE/DOCKET NUMBER: 0654.0630002
```

**RAW SEQUENCE LISTING**
PATENT APPLICATION   *US/09/069,847*

*INPUT SET: S25666.raw*

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47
48          (ix) TELECOMMUNICATION INFORMATION:
49               (A) TELEPHONE: (202) 371-2600
50               (B) TELEFAX: (202) 371-2540
51
52
53   (2) INFORMATION FOR SEQ ID NO:1:
54
55        (i) SEQUENCE CHARACTERISTICS:
56             (A) LENGTH: 14 base pairs
57             (B) TYPE: nucleic acid
58             (C) STRANDEDNESS: both
59             (D) TOPOLOGY: both
60
61        (ii) MOLECULE TYPE:
62
63
64
65        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
66
67   CCCCGGATCC ACCC                                              14
68
69   (2) INFORMATION FOR SEQ ID NO:2:
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71        (i) SEQUENCE CHARACTERISTICS:
72             (A) LENGTH: 14 base pairs
73             (B) TYPE: nucleic acid
74             (C) STRANDEDNESS: both
75             (D) TOPOLOGY: both
76
77        (ii) MOLECULE TYPE:
78
79
80
81        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
82
83   GGGGCCTAGG TGGG                                              14
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85   (2) INFORMATION FOR SEQ ID NO:3:
86
87        (i) SEQUENCE CHARACTERISTICS:
88             (A) LENGTH: 49 base pairs
89             (B) TYPE: nucleic acid
90             (C) STRANDEDNESS: both
91             (D) TOPOLOGY: both
92
93        (ii) MOLECULE TYPE:
94
95
96
97        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
98
99   TGAGTACCCG TGTGGAAAAT CTCTAGCAGG GNCTATGGCG TCCCCTCTG        49
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*INPUT SET: S25666.raw*

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101   (2) INFORMATION FOR SEQ ID NO:4:
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103         (i) SEQUENCE CHARACTERISTICS:
104              (A) LENGTH: 31 base pairs
105              (B) TYPE: nucleic acid
106              (C) STRANDEDNESS: both
107              (D) TOPOLOGY: both
108
109        (ii) MOLECULE TYPE:
110
111
112
113        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
114
115   ACTCATGGGC ACACCTTTTA GAGATCGTCA N                              31
116
117   (2) INFORMATION FOR SEQ ID NO:5:
118
119         (i) SEQUENCE CHARACTERISTICS:
120              (A) LENGTH: 49 base pairs
121              (B) TYPE: nucleic acid
122              (C) STRANDEDNESS: both
123              (D) TOPOLOGY: both
124
125        (ii) MOLECULE TYPE:
126
127
128
129        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
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131   ACTCATGGGC ACACCTTTTA GAGATCGTCC CAGATACCGC AGGGGAGAC          49
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133   (2) INFORMATION FOR SEQ ID NO:6:
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135         (i) SEQUENCE CHARACTERISTICS:
136              (A) LENGTH: 21 base pairs
137              (B) TYPE: nucleic acid
138              (C) STRANDEDNESS: both
139              (D) TOPOLOGY: both
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141        (ii) MOLECULE TYPE:
142
143
144
145        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
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147   GGGNCTATGG CGTCCCCTCT G                                        21
148
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**SEQUENCE VERIFICATION REPORT**
**PATENT APPLICATION   *US/09/069,847***

DATE: 05/08/98
TIME: 10:51:42

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| Line | Error | Original Text |
|------|-------|---------------|
| 31 | Wrong application Serial Number | (A) APPLICATION NUMBER: to be assigned |